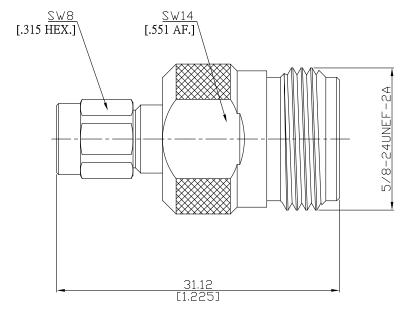


Technical Data Sheet

Adaptor plug/jack SMA plug (male) / Precision N jack (female)

AD-A1PCN25B/911-93



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

SMA side according to IEC 60169-15; MIL-STD-348A/310

Precision N side according to IEC 61169-16; MIL-STD-348A/402; IEEE Std 287

Electrical Data

Impedance 50Ω

Frequency DC to 18 GHz VSWR (Return Loss) \leq 1.15 (\geq 23.13 dB) Insertion Loss \leq 0.04 x \sqrt{F} (GHz) dB

Mechanical Data

Coupling mechanisms SMA (Screw-lock); Precision N (Screw-lock)

Environmental Data

Temperature range -65°C to +165°C RoHS compliant

Material And Plating

| · · · · · · · · · · · · · · · · · · · | | |
|---------------------------------------|------------------|----------------------------------|
| Piece Parts (SMA) | Material | Plating |
| Centre contact | Beryllium Copper | Gold plating(Nickel underplated) |
| Body | Brass | Gold plating(Nickel underplated) |
| Insulator | PTFE | |
| Gasket | Silicone Rubber | |
| Coupling nut | Brass | Gold plating(Nickel underplated) |
| Piece Parts (Precision N) | Material | Plating |
| Centre contact | Beryllium Copper | Gold plating(Nickel underplated) |
| Body | Brass | Nickel |
| Insulator | PTFE | |

Packing

Single or 100

| The facts and figures herein are carefully compiled to the best of our | Rev.:- | Rosnol RF/Microwave Technology | Page |
|---|------------|--|------|
| knowledge, but they are intended for general informational purposes only. | | www.rosnol.com; info@rosnol.com | Ü |
| In the effort to improve our products, we reserve the right to make changes | | Phone: +886-3-463-5095 / Fax:+886-3-463-5952 | 1/1 |
| judged to be necessary. | 2015/08/31 | N-CAGE Code: SFKK0 | 1/ 1 |